

To Continue Investigation Of Sardine Family Habits

Continuing the investigation of the life habits of the California sardine the fish and game patrol boat Bluefin will leave Monterey harbor for the south today. She will cruise along the coast, about 100 miles out, to enable Eugene C. Schofield, division scientist, to make further research for information in regard to the important commercial fish.

Research in regard to the sardine has just about been completed. Schofield said today. Two big questions, together with a number of less important details, remain to be definitely checked up.

To Check Movements

Migrations of the sardine, which ranges along a 200 mile strip of water from Lower California to Canada, will be checked next year thru marking of a number of fish. Sardines will be tagged with celluloid discs, red in color, which will be attached to the back of the fish. Such a marker can be recovered and reported by fishermen.

Findings in regard to age and rate of growth must be worked on a little further also, Schofield said.

To Predict Future Supply

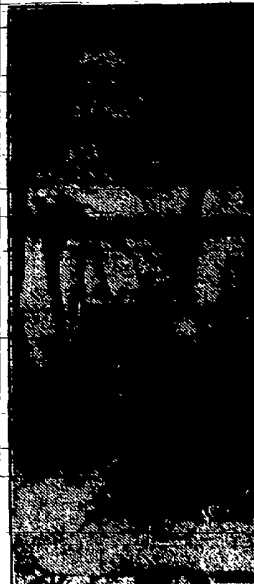
Basing his statement on data already at hand Schofield said today

that predictions as to future supply of sardines can be expected next year. These will be based upon conditions at the central spawning area, off southern California, and the condition and numbers of the young sardines which spend their first year in Mexican waters.

Evidence that sardines are suffering depletion is very definite, the scientist said, but thus far the depletion is not serious enough to call for restrictive legislation. Three facts indicate that sardines are becoming less numerous. 1. Fishermen are making longer runs for fish each year. 2. Sardines are becoming increasingly scarce at Monterey during the winter months. 3. There is a decided scarcity of young fish (quarter oils) off southern California.

Investigations of the spawning grounds and study of the sardine range have not been under way long enough for signs of depletion to be found in Schofield's own research.

The Bluefin will make another research cruise in June of this year, probably taking in the southern terminus of the sardine range off the coast of southern California.



Associated Press Photo

Adrienne Ames, motion picture actress, lunches on a sandwich after a swim at the film colony's ocean playground at Malibu Beach, Cal.

GIRL TELLS ATTACK STORY

STOCKTON, Cal., May 12 (AP)—The personnel of the sheriff's office and police of Tracy, informed last night by an 11 year old girl that she had been attacked on her way home from school, began an intensive search of the jungles south of Tracy.

The girl said a man had seized her at Lyoth, about three miles south of Tracy and carried her several miles down the Southern Pacific railroad track.

If it wasn't for sleep people would worry over their troubles 24 hours a day.

Program.
KJOW—Echoes of Paradise: 10:10.
Dance orchestra.
KQW—Radio Revival.
11 P M TO MIDNIGHT
KPO—On Parade; 11:30, Wishing hour.
KGO—Lofner orchestra.
KPRC—Halstead's orchestra.
KVA—Concert memories.
KFWI—Melodies of the Monitors.
KTAB—Charles Ford, tenor; 11:10, Night Owls.
MIDNIGHT TO 1 A. M.
KGO—Organ concert.
KPRC—Vagabond of the Air.
KFWI—Dedication hour.
KJOW—Owl program to 6 a.m.
KTAB—Night Owls.

MONTEREY HIGH SET FOR FRIDAY

By ELSA KUSWALT

The May Circus, which is held annually at the Monterey high school, will be given tomorrow night in the new gymnasium.

Representing a tropical circuit, there will be a bowling alley, crazy house, dish breaking booth, milk bottle throwing booth, shooting gallery, canteen, home made candy and milk shakes, and a miniature golf course.

Besides these many attractions, there will be vaudeville acts and dancing to a six piece orchestra. There will be a prize walk, two faculty members and two students to be the judges.

The four classes have chosen their representatives for the May Queen; the identity of the winner to be announced during the latter part of the evening. The candidates are: Estelle Fleming, freshman; Blanche Nielson, sophomore; Peggy Hughes, junior, and Margaret Montmorency, senior.

No admission will be charged at the door. Grammar school students must be accompanied by adults.

The University of Iowa extension division will conduct championship contests in painting, sketching and designing for high school pupils.

WAKE UP YOUR LIVER BILE— WITHOUT CALOMEL

And You'll Jump Out of Bed in the Morning Rarin' to Go

If you feel sour and sick and the world looks punk, don't swallow a lot of saline, mineral water, oil, laxative candy or chewing gum and expect them to make you suddenly sweet and buoyant and full of sunshine.

For they can't do it. They only move the bowels and a mere movement doesn't get at the cause. The reason for your down-and-out feeling is your liver. It should pour out two pounds of liquid bile into your bowels daily.

If this bile is not flowing freely, your food doesn't digest. It just decays in the bowels. Gas builds up your stomach. You have a thick, bad taste and your breath is foul, skin often breaks out in blemishes. Your head aches and you feel down and out. Your whole system is poisoned.

It takes these good old CARTER'S LITTLE LIVER PILLS to get those two pounds of bile flowing freely and make you feel "up and up." They contain wonderful, harmless, gentle vegetable extracts, amazing when it comes to making the bile flow freely. But don't take for three pills. Ask for Carter's Little Liver Pills. Look for the name Carter's Little Liver Pills on the red label. Recent a substitute. See at all stores. © 1931 C. M. Co.



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ON THE AIR TONIGHT

6 TO 7 P. M.
KPO—Masters of Music: 6:45, Cecil and Sally.
KGO—Lucky Strike dance hour.
KPRC—Radio's orchestra: 6:15.
Weeks' orchestra: 6:30, Music That Satisfies.
7 TO 8 P. M.
KVA—Dance music.
KVA—Revue: 6:30, Just Willie.
8:45, Henry Starr.
KJBE—8:15, Philco varieties.
KGO—Dinner program: 6:15.
Studio: 6:45, Scandinavian Tunes.
KTAB—American Legion employment talk: 6:15, Fashion talk: 6:45.
Reporter.
KIX—Savior's orchestra.
KQW—The Radiocheckers: 6:15.
Market reports: 6:45, Rural news.
7 TO 8 P. M.
KPO—Book talk by Joseph Henry Jackson, critic of the Chronicle: 7:15.
Riser's orchestra: 7:30, The Opera Hour.
KGO—Amos 'n' Andy: 7:15, Casual musical program: 7:30, Keep's orchestra.
KPRC—Joe Palooka: 7:15, Syncro. Thots: 7:30, Camel quarter hour: 7:45.
Sisla orchestra.
KVA—Hap and Jack: 7:30, Small concert trio.
KFWI—7:15, Virginia Mifka, pianist.
KGO—Scandinavian tunes: 7:45.
Featured article.
KTAB—Song recital: 7:15, Magazine review: 7:45, Dance music.
KIX—7:30, Talk by Earl Fry: 7:45.
Out of Doors.
KJOW—7:30, Hal Roberts, banjo.
KTAB—Weather report: 7:15.
State agricultural program: 7:45.
News 'n' Music.

8 TO 9 P. M.
KPO—Bestor's orchestra: 8:45.
Mona Loy.
KGO—Duke Memories: 8:15, Standard Symphony.
KPRC—Clifford jazz: 8:15, Obanadu: 8:30, Eric Cringo club series.
KVA—George Nelson, tenor: 8:45.
Short Stories of the Air.
KGO—Bell Ringers' frolic.
KTAB—Waterwitch orchestra: 8:15.
Ballet from Santa's Saddle.
KJN—King Sisters: 8:15, Baseball.
Oaks vs. San Francisco.
KJOW—8:15, Watch Tower program: 8:30, Banjo and guitar band: 8:45, Curtainwood and Applebald.
KQW—Old church choir songs.
9 TO 10 P. M.
KPO—Nathan Ames, violinist: 9:30.
Encl Buripett's orchestra.
KGO—Standard Symphony: 9:15.
Hines orchestra: 9:45, Chicago Terrace Orchestra.
KPRC—Weeks' Best Bet: 9:15, Ed and Zeb: 9:30, Today and Yesterday.
KVA—Billy Small ensemble: 9:30.
Milly and Billy: 9:45, Virginia Spencer, pianist.
KTAB—Baseball.
KIX—Baseball.
KJOW—Lyric trio with Willard Daniel: tenor: 9:30, Penna Players.
KQW—Parlor music: 9:15, The Five Precels.
10 TO 11 P. M.
KPO—Great Moments of History: 10:30, Around the Network.
KGO—Richfield news flashes: 10:15.
Rainbow Harmonies.
KPRC—Weeks' orchestra.
KVA—10:15, Sandman hour.
KTAB—Beverly Hill Bill.
KIX—Gay Caballero: 10:30, Dance

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